

MAMMALS OF THE TOKINSKO-STANOVOY NATIONAL PARK

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The Tokinsko-Stanovoy National Park was established at the end of 2019 with its area of about 253 thousand hectares. It is located in the north of the Amur Region, namely, on its border with the Republic of Sakha and the Khabarovsk Krai. The first zoological survey of this territory was carried out by V.Ch. Dorogostaisky's expedition in 1914. In this article we provide basic information about the fauna and population of mammals, obtained over 7 summer-autumn seasons of 1992, 1993, 2009, 2018 and 2020-2022. Expeditions that took place in 2009, 2018 and 2020-2022 were organized and conducted by the Zeya State Nature Reserve, with the help of ecologists from the Water Problems Institute, Khing'an State Nature Reserve, Amur Branch of Russian World Wide Fund for Nature, Moscow Zoo and M.V. Lomonosov Moscow State University.

In the vast territory of the park we have registered 27 species of mammals: Laxmann's shrew, Siberian large-toothed shrew, even-toothed shrew, Eurasian least shrew, eastern water bat, mountain hare, northern pika, Siberian flying squirrel, red squirrel, Siberian chipmunk, Korean field mouse, lemming vole, northern red-backed vole, grey red-backed vole, wood lemming, Gromov's vole, wolf, fox, brown bear, wolverine, sable, stoat, lynx, Siberian musk deer, moose, reindeer, Siberian bighorn sheep. Black-capped marmot and American mink were encountered near the boundaries of the specially protected natural areas, meaning that they are very likely to be found in the park as well. According to the literature sources and/or surveys, the following animals were noticed near the park boundaries: tundra vole, Amur lemming, common weasel, Siberian weasel, otter; it is also possible that the Siberian tiger visits the territory rarely. In total, the theriofauna of the Tokinsko-Stanovoy National Park includes 27-35 species from 6 orders and 14 families. This list can be expanded with *Chiroptera* and *Eulipotyphla* after further studies.

A system for zoological monitoring was created in the park and the adjacent territory, including 15 sites for recording the relative abundance of small mammals, and 5 sites for observing Siberian bighorn sheep and other large animals. This system helped to carry out a census of the local theriofauna and find out the abundance, as well as the biotopic, spatial and seasonal distributions of many mammal species. During the studies, the work of specially protected natural areas was assessed for the first time, and the most important directions for improved protection of the animal population and monitoring optimization were outlined. It was also proved that protective measures in the park area have already brought significant

results. For example, the intensive and illegal hunting for bighorn sheep was banned in the central part of Toko-Stanovik, and the sex and age structure of the bighorn group began to stabilize. In order to increase the reliability of the regime of specially protected natural areas and to continue the studies of the animal population, it is necessary to create a buffer zone along the territory perimeter and expand the patrols and observations to the eastern part of the national park.

Keywords: Toko-Stanovik Range, Tokinsko-Stanovoy National Park, mammals, fauna, animal population, animal number, population density, zoological monitoring, nature protection.

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